AUTODOC CLUB

How to change CV joint on **Audi A4 B5 saloon** – replacement guide

VIDEO TUTORIAL

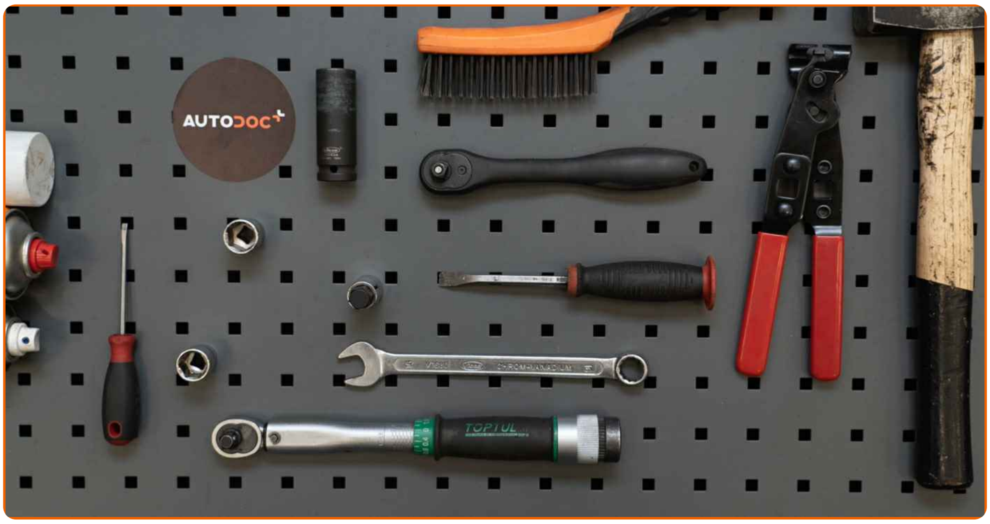


Important!

This replacement procedure can be used for:
AUDI A4 Saloon (8D2, B5) 1.8, AUDI A4 Saloon (8D2, B5) 1.8 T, AUDI A4 Saloon (8D2, B5) 1.9 TDI, AUDI A4 Saloon (8D2, B5) 1.8 quattro, AUDI A4 Saloon (8D2, B5) 1.8 T quattro, AUDI A4 Avant (8D5, B5) 1.6, AUDI A4 Avant (8D5, B5) 1.8, AUDI A4 Avant (8D5, B5) 1.8 T, AUDI A4 Avant (8D5, B5) 1.9 TDI, AUDI A4 Avant (8D5, B5) 1.8 quattro, AUDI A4 Avant (8D5, B5) 1.8 T quattro, AUDI A4 Saloon (8D2, B5) 1.9 TDI quattro, AUDI A4 Avant (8D5, B5) 1.9 TDI quattro, AUDI A6 Saloon (4B2, C5) 1.8 T, AUDI A6 Saloon (4B2, C5) 1.8, (+ 2)

The steps may slightly vary depending on the car design.

REPLACEMENT: CV JOINT – AUDI A4 B5 SALOON. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #16
- Drive socket # 16
- Drive socket # 17
- HEX bit No.H14
- Wheel impact socket #17
- Ratchet wrench
- Bush and bearing driver set
- Flat screwdriver
- Tap wrench
- Clic-R collar pliers
- Hammer
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: CV joint – Audi A4 B5 saloon. Tip from AUTODOC:

- The CV joint replacement procedure is identical for the left and right CV axles.
- Replace the CV joints of CV axles in pairs.
- Please note: all work on the car – Audi A4 B5 saloon – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.



2 Loosen the fastener of the driveshaft. Use HEX No.H14. Use a tap wrench.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the front of the car and secure on supports.



5 Unscrew the wheel bolts.

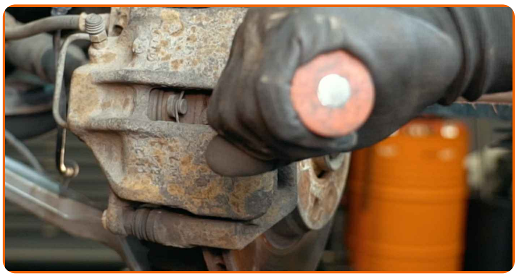
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Audi A4 B5 saloon

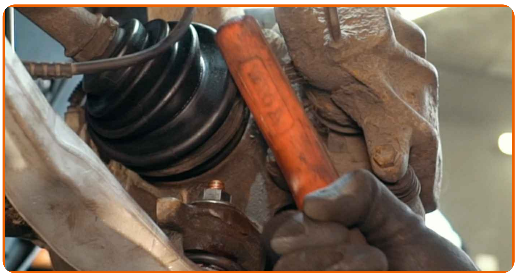
6 Remove the wheel.



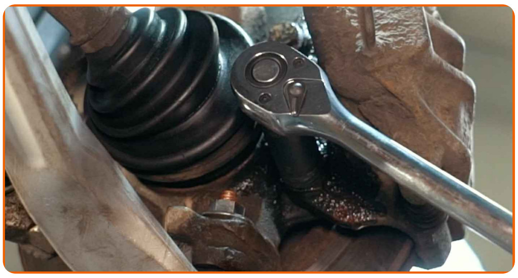
7 Spread the brake pads. Use a crowbar.



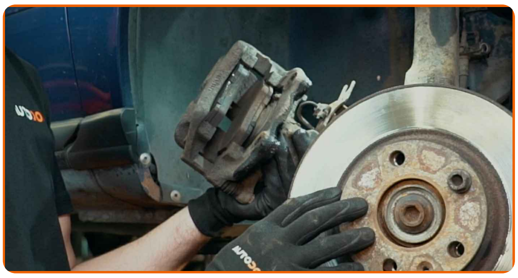
8 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



9 Unscrew the caliper bracket fastening. Use a drive socket #17. Use a ratchet wrench. Use a tap wrench.



10 Remove the brake caliper together with its bracket.



Replacement: CV joint – Audi A4 B5 saloon. AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

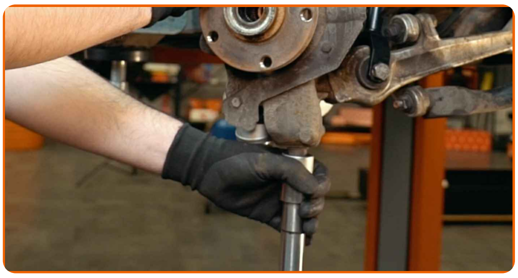
11 Remove the brake disc.



12 Remove the fastening bolt. Use HEX No.H14. Use a ratchet wrench.



13 Prop up the steering knuckle. Use a hydraulic transmission jack.



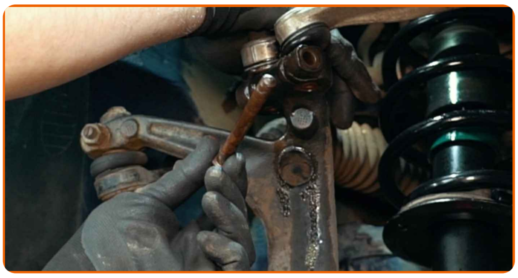
14 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



15 Unscrew the upper arm fastenings. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



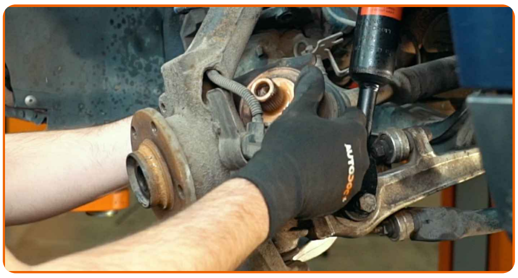
16 Remove the fastening bolt.



17 Remove the control arms. Use a crowbar.

18

Detach the driveshaft from the steering knuckle.



Replacement: CV joint – Audi A4 B5 saloon. Tip:

- Make sure that the drive shaft is not unloaded (when the car is jacked).

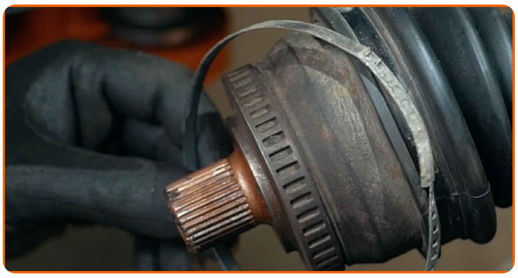
19

Clean the clamps of the CV joint boot. Use a wire brush. Use WD-40 spray.



20

Detach the clamps of the CV joint boot. Use a flat screwdriver.



21

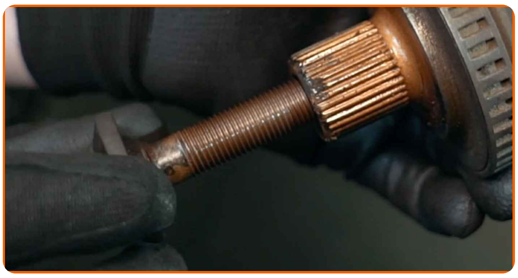
Install and tighten the drive shaft bolt. Use HEX No.H14. Use a ratchet wrench.



22 Remove the CV joint together with its boot.



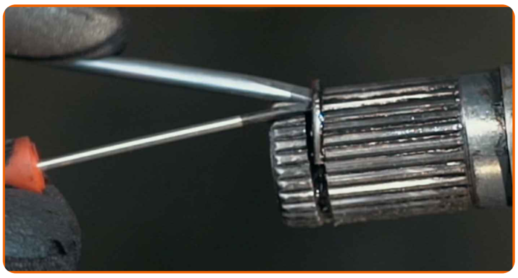
23 Remove the fastening bolt. Use HEX No.H14. Use a ratchet wrench.



24 Clean the CV joint mounting seat. Use all-purpose cleaning spray.



25 Remove the CV joint circlip. Use a flat screwdriver.



26 Clean the CV joint mounting seat. Use all-purpose cleaning spray.



27 Pack the CV joint with the grease supplied in the kit.



28 Move the inner race of the new CV joint from side to side to get it ready to work.

29 Install the CV joint boot on the CV axle. Use a flat screwdriver.



30 Install the CV joint circlip.



31 Install the new CV joint. Use a bush and bearing driver set. Use a hammer.



32 Move the inner race of the new CV joint from side to side to get it ready to work.



33 Clean the splines of the drive shaft CV joint. Use all-purpose cleaning spray.



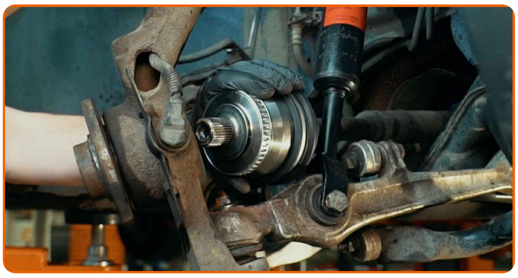
34 Install the boot on the CV joint.



35 Attach the clamps of the CV joint boot. Use a flat screwdriver. Use clic-R collar pliers. Use a hammer.



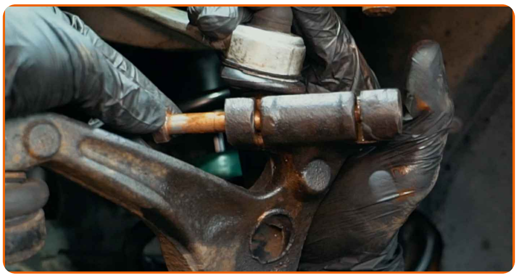
36 Install the drive shaft.



37 Install the control arms.



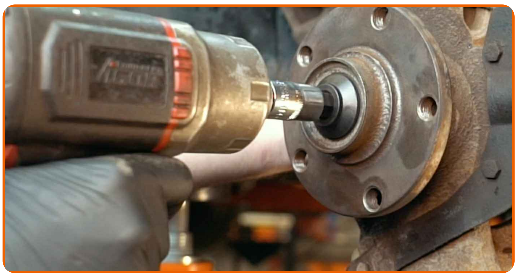
38 Install the fastening bolt.



39 Tighten the upper arm fastenings. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque.



40 Install and tighten the drive shaft bolt. Use HEX No.H14. Use a ratchet wrench.



41 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



42 Remove the support from under the steering knuckle.



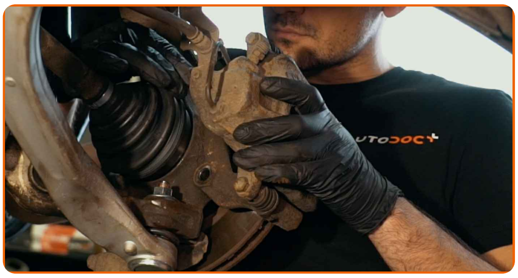
AUTODOC recommends:

- Replacement: CV joint – Audi A4 B5 saloon. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

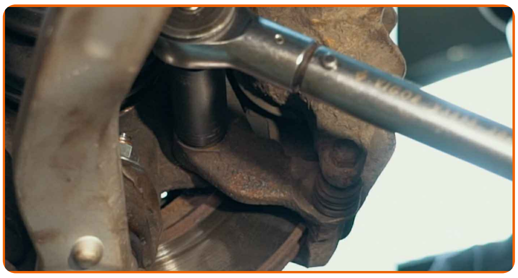
43 Install the brake disc.



44 Install the brake caliper together with its bracket.



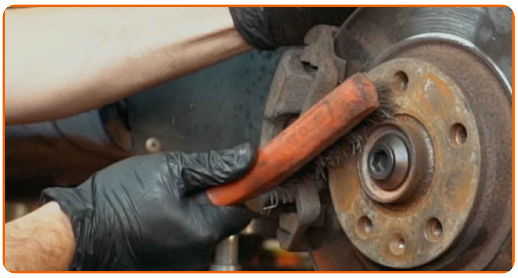
45 Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 125 Nm torque.



46 Treat all joints of the arm. Treat the steering knuckle fasteners. Use copper grease.



47 Clean the wheel rim mounting seat. Use a wire brush.



48 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

49 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: CV joint – Audi A4 B5 saloon. After applying the spray, wait a few minutes.

50 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Audi A4 B5 saloon

51 Screw in the wheel bolts. Use wheel impact socket #17.



52 Lower the car.



53 Tighten the bolt connecting the drive shaft to the wheel hub. Use HEX No.H14. Use a torque wrench. Tighten it to 115 Nm torque.+180°



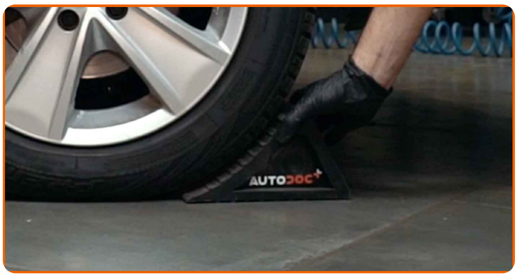
AUTODOC recommends:

- Important! Be sure to use new fasteners.

54 Tighten the wheel bolts using a criss-cross pattern. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



55 Remove the jacks and chocks.



WELL DONE!

VIEW MORE TUTORIALS

AUTODOC — TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

CHOOSE CAR PARTS FOR AUDI A4 B5 SALOON

CV JOINT FOR AUDI: BUY NOW

CV JOINT FOR AUDI A4 B5 SALOON: THE BEST DEALS & OFFERS

ⓘ DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.